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# UTILITY PATENT APPLICATION TRANSMITTAL

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Attorney Docket No.	29766-71992
First Inventor	Daniel D. Wilhelm et al.
Title	ACTUATOR CONTROL SYSTEM
Express Mail Label	EV 337241555 US

22278  
10/17**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:  
Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original, and a duplicate for fee processing)</i>  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)                                      |
| 2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.   | 8. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i>   |
| 3. <input checked="" type="checkbox"/> Specification <i>[Total Pages</i> <input type="text" value="1"/> ]<br><i>(preferred arrangement set forth below)</i>   | a. <input type="checkbox"/> Computer Readable Form (CRF)   |
| - Descriptive title of the invention  | b. Specification Sequence Listing on:  |
| - Cross Reference to Related Applications   | i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or  |
| - Statement Regarding Fed sponsored R & D   | ii. <input type="checkbox"/> Paper   |
| - Reference to sequence listing, a table, or a computer program listing appendix  | c. <input type="checkbox"/> Statements verifying identity of above copies  |
| - Background of the Invention   |  |
| - Brief Summary of the Invention  |  |
| - Brief Description of the Drawings <i>(if filed)</i>   |  |
| - Detailed Description  |  |
| - Claim(s)  |  |
| - Abstract of the Disclosure  |  |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <i>[Total Sheets</i> <input type="text" value="7"/> ]   |  |
| 5. Oath or Declaration <i>(unsigned)</i> <i>[Total Pages</i> <input type="text" value="2"/> ]   |  |
| a. <input checked="" type="checkbox"/> Newly executed (original or copy)  | 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))  |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br><i>(for continuation/divisional with Box 18 completed)</i>  | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i>   |
| i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).   | 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>   |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76   | 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations |
| 17. <input type="checkbox"/> Other: Certificate Under 37 CFR 1.10   | 13. <input type="checkbox"/> Preliminary Amendment   |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i>                   |
| <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____   | 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>                           |
| Prior application information: Examiner _____ Group / Art Unit: _____   |  |

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/>	Customer Number:	30450	or	<input type="checkbox"/> Correspondence address below
Name				
Address				
City	State		Zip Code	
Country	Telephone		Fax	

Name (Print/Type)	Jeffrey A. Michael	Registration No. (Attorney/Agent)	37,394
Signature		Date	November 4, 2005

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# **FEE TRANSMITTAL for FY 2003**

*Effective 01/01/2003. Patent fees are subject to annual revision.*

<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Examiner Name	Unknown
	Art Unit	Unknown
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\\$)</b>	<b>\$770.00</b>

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)					
<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None						
<input checked="" type="checkbox"/> Deposit Account:										
Deposit Account Number	10-0435									
Deposit Account Name	Barnes & Thornburg									
The Director is authorized to: (check all that apply)										
<input type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Credit any overpayments									
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application										
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.										
FEE CALCULATION										
1. BASIC FILING FEE										
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid					
1001 750	2001 375	Utility filing fee		770.00						
1002 330	2002 165	Design filing								
1003 520	2003 260	Plant filing fee								
1004 750	2004 375	Reissue filing								
1005 160	2005 80	Provisional filing fee								
SUBTOTAL (1) (\$)				770.00						
2. EXTRA CLAIM FEES FOR UTILITY AND DESIGN PATENT APPLICATIONS										
Extra Claims			Fee from below		Fee Paid					
Total Claims	20	-20** =	0	X 18.00	=	0.00				
Independent Claims	3	- 3 *** =	0	X 86.00	=	0.00				
Multiple Dependent				0.00	=	0.00				
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description						
1202 18	2202 9	Claims in excess of 20								
1201 84	2201 42	Independent claims in excess of 3								
1203 280	2203 140	Multiple dependent claim, if not paid								
1204 84	2204 42	** Reissue independent claims over original patent								
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent								
SUBTOTAL (2) (\$)				0.00						
**or number previously paid, if greater; For Reissues, see above										
3. ADDITIONAL FEES										
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid					
1051	130	2051	65	Surcharge - late filing fee or oath	0.00					
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	0.00					
1053	130	1053	130	Non - English specification	0.00					
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	0.00					
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	0.00					
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	0.00					
1251	110	2251	55	Extension for reply within first month	0.00					
1252	410	2252	205	Extension for reply within second month	0.00					
1253	930	2253	465	Extension for reply within third month	0.00					
1254	1,450	2254	725	Extension for reply within fourth month	0.00					
1255	1,970	2255	985	Extension for reply within fifth month	0.00					
1401	320	2401	160	Notice of Appeal	0.00					
1402	320	2402	160	Filing a brief in support of an appeal	0.00					
1403	280	2403	140	Request for oral hearing	0.00					
1451	1,510	1451	1,510	Petition to institute a public use proceeding	0.00					
1452	110	2452	55	Petition to revive - unavoidable	0.00					
1453	1,300	2453	650	Petition to revive - unintentional	0.00					
1501	1,300	2501	650	Utility issue fee (or reissue)	0.00					
1502	470	2502	235	Design issue fee	0.00					
1503	630	2503	315	Plant issue fee	0.00					
1460	130	1460	130	Petitions to the Commissioner	0.00					
1807	50	1807	50	Processing fee under 37 CFR § 1.17(d)	0.00					
1806	180	1806	180	Submission of Information Disclosure Statement	0.00					
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	0.00					
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00					
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	0.00					
1801	750	2801	375	Request for Continued Examination (RCE)	0.00					
1802	900	1802	900	Request for expedited examination of a design application	0.00					
Other fee (specify) 0										
SUBTOTAL (3) (\$)				0.00						

*\*\*or number previously paid, if greater; For Reissues, see above*

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
\$0.00

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Jeffrey A. Michael	Registration No. (Attorney/Agent)	37,394	Telephone	317-231-7283
Signature				Date	November 4, 2003

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# BARNES & THORNBURG

11 South Meridian Street  
Indianapolis, Indiana 46204  
(317) 236-1313

## PATENT APPLICATION

### *IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*

*Group:* Unknown

*Attorney*

*Docket:* 29766-71992

*Applicant:* Yue Yun Wang et al.

*Invention:* ACTUATOR CONTROL  
SYSTEM

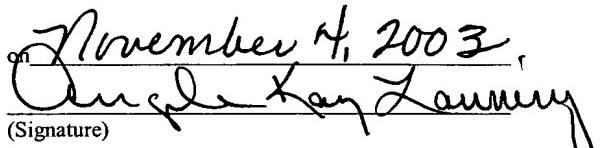
*Serial No:* Unknown

*Filed:* Herewith

*Examiner:* Unknown

#### Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS: Patent Application, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

on November 4, 2003,  
  
(Signature)

Angela Kay Lanning  
(Printed Name)

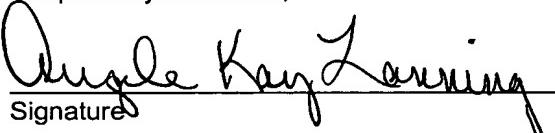
#### CERTIFICATE UNDER 37 C.F.R. § 1.10

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Respectfully submitted,

  
Signature

Angela Kay Lanning  
Typed or Printed Name

Indianapolis, Indiana  
(317) 231-7382